

260 184 I 3.5 35.58 37.02 36.18 568888
 261 185 P0 4.0 35.06 35.04 35.09 526344
 262 260 B 5.8 33.75 36.43 38.46 53404
 263 261 B 5.5 33.59 35.87 35.51 65008
 264 262 B 5.5 31.10 36.80 36.39 53034
 265 263 B 5.8 32.29 35.85 35.33 60080
 266 270 P1 3.0 35.00 36.87 36.08 260808
 267 271 P2 3.7 31.06 36.10 35.51 228912
 268 265 B 6.5 33.13 36.54 36.22 46200
 269 267 B 6.3 33.25 35.56 35.08 50176
 270 268 B 6.5 33.48 36.44 36.05 51848
 271 269 B 6.8 32.81 35.62 35.31 51560
 272 273 P1 3.2 35.49 36.42 35.90 25708
 273 271 P2 3.2 35.49 36.41 35.70 273072
 274 272 B 6.5 33.57 35.71 35.75 45010
 275 273 B 6.5 33.16 35.66 35.51 51522
 276 274 B 6.2 33.49 36.04 35.84 41512
 277 275 B 6.3 33.12 35.61 35.34 50144
 278 282 P1 1.2 35.55 36.42 35.75 284656
 279 293 P2 3.2 35.57 36.42 36.01 263656
 280 278 B 6.5 32.26 35.85 35.48 45744
 281 279 B 6.5 33.02 35.77 35.60 53152
 282 280 B 6.5 32.99 35.85 35.49 50184
 283 291 B 6.5 33.13 35.91 35.87 53000
 284 285 I 3.6 35.63 37.11 36.41 554664
 285 290 P0 4.0 34.98 35.94 35.00 301672
 286 287 B 5.6 34.46 35.95 35.43 42246
 287 288 B 5.8 33.71 35.86 35.44 44224
 288 286 R 5.8 34.56 35.72 35.43 44266
 289 287 B 5.8 33.59 36.41 35.61 202280
 291 295 P2 3.4 34.97 36.21 35.61 256248
 292 290 B 6.5 33.34 36.30 36.00 49600
 293 291 B 6.5 32.83 35.55 35.01 62600
 294 292 B 6.5 32.92 36.03 35.59 65944
 295 293 B 6.5 32.72 35.82 35.28 56232
 296 298 P1 3.2 35.36 36.12 35.48 259058
 297 299 P2 3.5 34.00 36.07 35.66 205446
 298 296 B 5.3 32.81 35.85 35.20 61232
 299 297 B 6.0 33.34 35.77 35.35 43088
 33.48 35.81 35.26 104320 1475208

Table Tennis : 9.0000 Mbits/sec : Results averaged over sequence

Total : 300 pictures
 SNR for luminance 34.36 dB
 SNR for chrominance (Cb) 40.43 dB
 SNR for chrominance (Cr) 41.47 dB
 Number of bits
 Coefficients Y 32676459 bits
 Cb 2628843 bits
 Cr 2461813 bits
 total 37767115 bits
 Motion vectors
 Overhead 4234502 bits
 TOTAL 4496144 bits
 Mean value of Q scale 3.35

I-picture : 13 pictures
 SNR for luminance 36.75 dB
 SNR for chrominance (Cb) 41.00 dB
 SNR for chrominance (Cr) 41.90 dB
 Number of bits
 Coefficients Y 4513078 bits
 Cb 494440 bits
 Cr 491243 bits
 total 5498761 bits
 Motion vectors
 Overhead 52135 bits
 TOTAL 5508690 bits
 Mean value of Q scale 2.04

D-picture : 196 pictures
 SNR for luminance 33.97 dB
 SNR for chrominance (Cb) 40.88 dB
 SNR for chrominance (Cr) 41.94 dB
 Number of bits
 Coefficients Y 12846944 bits
 Cb 985421 bits
 Cr 870548 bits
 total 16385013 bits
 Motion vectors
 Overhead 322310 bits
 TOTAL 1949376 bits
 Mean value of Q scale 3.67

P0-picture : 13 pictures
 SNR for luminance 35.81 dB
 SNR for chrominance (Cb) 40.95 dB
 SNR for chrominance (Cr) 41.97 dB
 Number of bits
 Coefficients Y 3900758 bits
 Cb 312141 bits
 Cr 325246 bits
 total 4528137 bits
 Motion vectors 119751 bits
 Overhead 126752 bits
 TOTAL 4775640 bits
 Mean value of Q scale 1.08

P1-picture : 38 pictures
 SNR for luminance 34.99 dB
 SNR for chrominance (Cb) 40.68 dB
 SNR for chrominance (Cr) 41.74 dB

Number of bits
 Coefficients Y 6515288 bits
 Cb 528124 bits
 Cr 468035 bits
 total 7520317 bits
 Motion vectors 403510 bits
 Overhead 358541 bits
 TOTAL 8282408 bits
 Mean value of Q scale 2.82

P2-picture : 38 pictures
 SNR for luminance 34.62 dB
 SNR for chrominance (Cb) 40.58 dB
 SNR for chrominance (Cr) 41.57 dB
 Number of bits
 Coefficients Y 4800399 bits
 Cb 318917 bits
 Cr 304741 bits
 total 5523857 bits
 Motion vectors 547030 bits
 Overhead 426761 bits
 TOTAL 6497648 bits
 Mean value of Q scale 3.08

Table Tennis : 9.0000 Mbits/sec : Statistics of each field and frame

COD	IMP	T	QSC	field statistics	frame statistics	cumulative		
				SK-Y SK-Cb SK-Cr	bits	bit count		
0	0	1.0	37.42	40.99	42.10	505360	595520	
1	1	1.0	32.91	39.09	40.99	815392	1310912	
2	6	PI	32.77	40.40	41.79	1061968	1603320	
3	7	P2	5.8	30.75	40.40	41.63	141504	1744424
4	2	B	6.0	31.75	40.60	41.89	45400	1790224
5	3	B	6.0	32.00	40.40	41.54	41744	1846564
6	4	B	6.0	31.23	40.51	41.81	63586	1885520
7	5	B	6.0	32.00	40.58	41.64	44656	1940976
8	12	P1	6.0	30.10	39.94	40.98	209432	2156408
9	12	P2	6.0	31.58	39.94	41.19	224332	2375240
10	8	B	7.0	30.37	39.94	41.63	50792	1428632
11	9	B	7.0	30.40	39.74	41.63	40164	2021012
12	10	B	7.0	29.69	39.21	41.19	46358	2468556
13	11	B	7.0	29.89	39.51	41.20	50164	2489416
14	10	P1	5.4	31.38	39.85	40.72	248940	2814015
15	19	P2	6.1	30.09	39.29	40.76	204280	3012206
16	17	B	7.0	29.27	39.79	40.79	58296	3076592
17	16	B	7.0	29.18	39.09	40.85	64363	3140960
18	17	B	9.0	28.22	39.44	40.85	73761	3203240
20	21	I	2.1	36.05	40.43	41.72	527576	3297098
21	25	P0	2.1	37.91	40.09	41.54	620293	3591406
22	23	B	9.0	28.73	39.37	41.05	64320	4455683
23	21	B	7.0	29.57	39.27	41.03	59818	29.13 39.32 41.14
24	25	B	9.0	29.49	39.79	41.51	61904	64994
25	20	P1	5.3	31.31	39.45	40.92	55072	29.91 39.32 41.18
26	20	P1	5.3	31.31	39.32	40.94	233060	123976
27	31	P2	5.9	30.75	38.99	40.87	235056	367744
28	26	B	9.0	29.15	39.94	41.26	61216	554016
29	27	B	8.0	29.67	39.66	40.98	67040	731056
30	26	B	6.1	29.43	39.84	41.09	63680	794736
31	32	P1	5.1	29.39	39.55	40.73	54788	840504
32	36	P1	5.1	29.55	39.25	40.60	51824	1004118
33	37	P2	5.4	31.05	38.86	40.51	238824	1324827
34	32	B	6.0	30.48	39.33	40.88	62760	1344632
35	33	B	8.0	29.01	39.00	40.62	62599	39.68 39.16 40.75
36	34	B	6.7	30.33	39.50	40.89	67472	1514696
37	35	B	8.0	28.98	38.45	40.47	65752	1580448
38	39	P1	4.0	30.48	39.84	40.89	228590	1800952
39	43	P2	4.9	31.42	38.64	40.46	50180	2032322
40	38	B	6.7	30.35	39.36	40.78	75020	2140155
41	39	B	6.3	30.16	38.34	40.58	75058	2184720
42	40	B	6.3	30.49	39.39	40.74	80848	2267558
43	41	B	8.0	29.33	38.87	40.41	53436	2321928
44	45	P0	3.0	34.34	39.75	41.10	428236	2750328
45	40	P0	3.0	35.44	39.80	40.89	38630	34.58 39.17 41.03
46	44	B	8.0	29.24	39.89	40.51	58544	3135176
47	45	B	7.3	29.55	39.21	40.59	58733	3222120
48	46	B	8.0	28.36	39.13	40.55	58604	33.42 39.15 40.55
49	47	B	8.0	29.15	39.11	40.51	101640	173776
50	54	P1	4.3	32.91	39.69	41.26	214098	198544
51	50	P2	4.0	32.04	39.41	40.59	235295	412640
52	53	B	6.0	31.94	39.47	40.51	238824	5374952
53	51	B	6.0	31.29	39.64	41.29	110881	5374952
54	52	B	6.0	31.10	39.75	41.37	100588	549616
55	53	B	5.3	32.43	39.89	41.56	100920	1090536
56	59	P1	3.8	33.83	40.17	41.82	200958	1191504
57	57	P2	3.8	33.77	40.17	41.82	227440	1188944
58	56	B	5.0	32.40	40.27	41.72	93188	1518136
59	57	B	5.0	32.29	40.18	41.53	109312	31.35 40.23 41.67
60	58	B	5.0	32.49	40.49	41.58	96332	1025448
61	59	B	5.0	32.30	40.17	41.57	94056	107400
								1114136

MS-MOTO_752_0001230373

MS-MOTO_1823_00000720893

62	66	P1	3.8	34.54	39.41	39.88	368840	34.22	39.41	39.87	556880	569080	260	264	J	3.0	36.12	40.66	41.34	405456	267200
63	67	P2	4.0	33.52	39.41	39.77	180840	34.22	39.41	39.86	344700	219244	261	265	P0	3.0	35.23	40.08	40.47	213228	265520
64	62	B	5.0	32.85	39.41	41.47	102792	34.22	39.41	41.47	321558	129132	262	260	P2	2.3	35.88	41.73	42.47	145232	314848
65	63	B	4.3	33.59	40.73	42.20	111496	33.19	40.50	42.03	214248	130128	263	261	B	2.0	35.75	40.45	42.34	145232	316944
66	64	B	4.7	33.17	40.74	42.05	89244	34.22	40.50	42.05	2476516	130130	264	262	B	2.0	35.84	41.45	42.30	116144	3122376
67	55	B	4.3	33.65	40.74	42.21	100864	33.40	40.47	42.14	200688	133131	265	263	B	2.0	35.86	41.45	42.30	116144	3122376
68	72	T	3.8	35.05	40.84	41.85	205050	34.80	40.32	42.12	369018	2833464	134	135	P1	4.8	34.34	38.38	39.34	185572	36.91
69	73	P0	4.7	34.15	41.01	42.37	108528	34.80	40.32	42.12	369018	2946992	135	139	P0	5.0	35.60	39.35	39.35	130288	33.96
70	73	B	3.8	34.17	41.01	42.37	116712	34.80	40.32	42.12	369018	3003704	136	134	B	6.0	35.54	39.47	39.34	46146	2337056
71	69	B	3.3	34.70	41.26	42.63	122352	34.43	41.38	43.58	239224	1316216	137	135	B	6.0	35.29	39.19	39.20	43138	33.41
72	70	B	3.0	35.15	41.59	42.64	122352	34.43	41.38	43.58	239224	128482	139	137	B	6.0	35.60	39.35	39.37	32376	33.47
73	71	B	3.0	35.17	41.64	42.01	101880	35.16	41.93	42.97	246512	128482	140	141	B	1.9	37.24	41.13	41.70	085650	36.91
74	71	P1	2.3	36.48	41.65	42.85	212464	34.80	40.32	42.12	369018	407670	141	145	F0	2.7	35.84	41.45	42.47	285544	37.03
75	79	P2	2.4	36.48	41.65	42.85	166752	34.47	41.75	42.95	370216	267728	142	146	P0	2.7	35.84	41.45	42.47	692104	3365408
76	76	B	2.7	35.53	41.69	43.05	131496	34.80	40.32	42.12	369018	759224	142	140	B	9.0	35.01	41.45	42.47	133550	333550
77	76	B	2.7	35.52	41.69	43.12	133680	34.80	40.32	42.12	369018	1031735	143	142	B	6.0	35.03	41.41	41.77	35508	35508
78	77	B	2.3	35.42	40.77	42.05	122352	34.14	41.36	43.25	268000	1166135	145	143	B	6.0	35.01	41.41	41.77	46366	336508
79	84	P1	1.8	37.07	42.05	43.20	211352	31.04	41.11	43.22	373056	1377664	146	150	P1	1.0	38.51	41.76	42.66	288328	35.02
80	85	P2	2.0	37.02	42.17	43.24	181528	31.04	41.11	43.22	373056	151528	147	150	P2	2.1	36.57	41.35	42.45	137444	37.44
81	80	B	2.3	36.58	41.48	43.38	132920	31.04	41.11	43.22	373056	1871112	148	150	B	6.0	35.38	41.55	42.44	69992	559176
82	81	B	2.3	36.65	42.24	43.44	134720	31.61	41.93	41.40	956450	1884832	149	149	B	6.0	35.49	41.55	42.44	122388	631472
83	82	B	2.3	36.62	42.15	43.32	136272	31.64	41.93	41.40	956450	194104	150	148	B	2.7	36.38	41.55	42.45	700800	702080
84	83	B	2.3	36.62	42.15	43.32	136272	31.64	41.93	41.40	956450	2097258	151	149	B	2.7	36.39	41.55	42.45	700800	702080
85	84	B	2.3	36.62	42.15	43.32	136272	31.64	41.93	41.40	956450	2302192	152	152	P1	1.0	38.87	41.89	41.73	240616	36.23
86	94	P1	2.0	37.02	42.24	43.35	152458	37.13	42.18	43.15	356200	2454555	153	152	P1	1.0	38.55	41.91	42.81	243352	38.62
87	91	P2	2.0	37.02	42.24	43.35	152458	37.13	42.18	43.15	356200	2454555	154	152	P2	2.0	37.40	41.93	42.77	483368	1013552
88	86	B	2.0	37.02	42.24	43.35	152458	37.13	42.18	43.15	356200	2454555	155	152	B	6.0	35.37	41.89	42.68	122388	351744
89	87	B	2.3	36.87	42.20	43.38	131978	36.95	42.30	43.34	285432	1527664	156	154	B	6.0	35.37	41.89	42.68	122388	1615320
90	88	B	2.3	36.85	42.25	43.28	132776	36.95	42.30	43.34	285432	1527664	157	155	B	2.0	35.27	41.81	42.74	145355	37.40
91	89	B	2.3	36.85	42.25	43.28	132776	36.95	42.30	43.34	285432	1527664	158	162	P1	1.0	38.63	41.96	42.82	210560	38.63
92	90	B	2.3	36.85	42.25	43.28	132776	36.95	42.30	43.34	285432	1527664	159	162	P2	1.0	38.63	41.97	42.81	210572	38.63
93	92	B	2.0	36.85	42.25	43.28	132776	36.95	42.30	43.34	285432	1527664	160	162	B	6.0	35.37	41.89	42.74	145355	37.61
94	92	B	2.0	36.85	42.25	43.28	132776	36.95	42.30	43.34	285432	1527664	161	162	B	6.0	35.37	41.89	42.74	145355	37.61
95	93	B	2.0	36.85	42.25	43.28	132776	36.95	42.30	43.34	285432	1527664	162	162	B	6.0	35.37	41.89	42.74	145355	37.61
96	94	B	2.0	36.85	42.25	43.28	132776	36.95	42.30	43.34	285432	1527664	163	162	B	6.0	35.37	41.89	42.74	145355	37.61
97	95	B	2.0	36.85	42.25	43.28	132776	36.95	42.30	43.34	285432	1527664	164	168	B	1.0	38.30	41.91	42.74	119746	38.68
98	96	B	2.0	36.85	42.25	43.28	132776	36.95	42.30	43.34	285432	1527664	165	169	P0	2.0	38.95	42.00	43.03	432654	38.61
99	97	B	2.0	36.85	42.25	43.28	132776	36.95	42.30	43.34	285432	1527664	166	164	B	2.0	37.58	41.79	42.65	107768	37.61
100	98	B	2.0	36.85	42.25	43.28	132776	36.95	42.30	43.34	285432	1527664	167	165	B	2.0	37.58	41.87	42.74	210572	37.61
101	100	B	2.0	36.85	42.25	43.28	132776	36.95	42.30	43.34	285432	1527664	168	166	B	2.0	37.58	41.87	42.74	210572	37.61
102	100	B	2.0	36.85	42.25	43.28	132776	36.95	42.30	43.34	285432	1527664	169	167	B	2.0	37.58	41.87	42.74	210572	37.61
103	102	P1	1.5	37.65	42.18	43.20	167408	37.17	42.14	43.13	430976	1445976	171	170	P2	1.2	38.08	41.01	41.74	151360	37.92
104	102	P2	2.0	37.65	42.18	43.20	167408	37.17	42.14	43.13	276443	1719434	172	170	B	2.0	37.26	41.89	42.68	122388	41.86
105	103	P2	2.0	37.65	42.18	43.20	167408	37.17	42.14	43.13	276443	1719434	173	171	B	2.0	37.35	41.92	42.67	117672	37.31
106	107	P1	2.0	37.65	42.18	43.20	167408	37.17	42.14	43.13	276443	1719434	174	172	B	2.0	37.35	41.92	42.67	124966	900003
107	107	P2	2.0	37.65	42.18	43.20	167408	37.17	42.14	43.13	276443	1719434	175	173	B	2.0	37.35	41.92	42.67	205830	37.30
108	107	P1	1.5	37.73	41.37	42.56	104704	34.49	40.44	40.85	102488	205830	176	175	P2	1.2	37.35	41.87	42.87	377640	37.30
109	108	P2	2.0	37.73	41.37	42.56	104704	34.49	40.44	40.85	102488	205830	177	176	P1	1.2	37.35	41.87	42.87	377640	37.30
110	107	P1	1.5	37.73	41.37	42.56	104704	34.49	40.44	40.85	102488	205830	178	177	P2	1.2	37.35	41.87	42.87	377640	37.30
111	108	P2	2.0	37.73	41.37	42.56	104704	34.49	40.44	40.85	102488	205830	179	178	P1	1.2	37.35	41.87	42.87	377640	37.30
112	108	P2	2.0	37.73	41.37	42.56	104704	34.49	40.44	40.85	102488	205830	180	179	P1	1.2	37.35	41.87	42.87	377640	37.30
113	109	P1	1.5	37.73	41.37	42.56	104704	34.49	40.44	40.85	102488	205830	181	180	P2	1.2	37.35	41.87	42.87	377640	37.30
114	109	P2	2.0	37.73	41.37	42.56	104704	34.49	40.44	40.85	102488	205830	182	181	P1	1.2	37.35				

Mobile and Calendar : 8.0000 Mbit/sec : Results averaged over sequence

Total : 300 pictures

SNR for luminance 32.42 dB

SNR for chrominance (Cb) 36.29 dB

SNR for chrominance (Cr) 36.66 dB

Number of bits

Coefficients	Y	31231545 bits
Cb		4104003 bits
Cr		4076088 bits
	total	39505705 bits
Motion vectors 2934311 bits		
Overhead 2535896 bits		
TOTAL 44975912 bits		
Mean value of Q scale 5.90		

Number of bits

Coefficients	Y	6239587 bits
Cb		700556 bits
Cr		700519 bits
	total	770116 bits
Motion vectors 385183 bits		
Overhead 344151 bits		
TOTAL 8429498 bits		
Mean value of Q scale 3.79		

I-picture : 13 pictures

SNR for luminance 36.42 dB

SNR for chrominance (Cb) 38.04 dB

SNR for chrominance (Cr) 38.52 dB

Number of bits

Coefficients	Y	6553008 bits
Cb		14112127 bits
Cr		9403506 bits
	total	9463129 bits
Motion vectors 0 bits		
Overhead 52139 bits		
TOTAL 9515968 bits		
Mean value of Q scale 1.94		

P1-picture : 38 pictures

SNR for luminance 33.56 dB

SNR for chrominance (Cb) 36.20 dB

SNR for chrominance (Cr) 36.80 dB

Number of bits

Coefficients	Y	5395307 bits
Cb		553959 bits
Cr		539535 bits
	total	648852 bits
Motion vectors 379592 bits		
Overhead 451400 bits		
TOTAL 7310992 bits		
Mean value of Q scale 4.01		

102 P2-picture : 193 pictures

SNR for luminance 31.69 dB

SNR for chrominance (Cb) 36.11 dB

SNR for chrominance (Cr) 36.67 dB

Number of bits

Coefficients	Y	7152122 bits
Cb		7152143 bits
Cr		413176 bits
	total	8158441 bits
Motion vectors 20632844 bits		
Overhead 1558195 bits		
TOTAL 17780520 bits		
Mean value of Q scale 7.19		

P0-picture : 13 pictures

SNR for luminance 37.49 dB

SNR for chrominance (Cb) 37.75 dB

SNR for chrominance (Cr) 38.36 dB

Number of bits

Coefficients	Y	5991524 bits
Cb		779808 bits
Cr		523139 bits
	total	7971424 bits
Motion vectors 571422 bits		
Overhead 126043 bits		
TOTAL 7907976 bits		
Mean value of Q scale 2.01		

P1-picture : 38 pictures

SNR for luminance 33.77 dB

SNR for chrominance (Cb) 36.46 dB

SNR for chrominance (Cr) 37.05 dB

Mobile and Calendar : 9.0000 Mbit/sec : Statistics of each field and frame

COP	I/P	T	Qsc	field statistics		frame statistics		cumulative	S2	66	Pl	3.0	34.69	36.54	37.10	234056	34.57	36.56	37.05	447512	1005632				
				SNR	SN-Cb SN-Cr	bits	bit count																		
0	0	1.2	37.61	38.96	35.47	784980	760139	64	62	8	7.0	31.18	36.51	35.81	71296	31.19	36.49	36.75	142120	2047752					
1	1	P0	1.0	39.76	39.17	40.22	783008	38.55	39.35	39.83	1572968	1573182	65	63	8	7.0	31.20	36.34	35.71	70824	2115520				
2	2	P1	4.2	33.45	37.57	38.33	221248	1794376	67	64	8	7.0	31.27	36.13	35.88	68766	2184272	2923344							
3	3	P7	4.9	32.73	36.92	37.85	170248	33.07	37.23	37.98	301495	1936424	68	72	1	3.9	36.35	36.88	36.50	67752	3534072				
4	2	P2	9.7	36.41	36.63	37.31	520248	2010648	69	73	P0	2.0	37.22	37.95	38.40	605728	31.57	38.07	38.61	1349738	3534072				
5	3	P8	8.0	31.62	37.42	38.07	524956	30.97	37.01	37.69	104520	2063144	71	69	8	7.0	31.39	35.61	37.10	68148	3534072				
6	9	P9	8.8	31.12	36.84	37.52	54720	2123854	72	70	B	7.0	31.55	35.76	37.34	65184	31.41	36.51	37.02	138615	3534072				
7	5	P3	8.0	31.12	36.84	37.52	54720	30.82	36.75	37.41	107695	2175848	73	71	B	7.0	31.58	35.81	37.15	64698	3534072				
8	8	P1	4.5	32.84	36.47	37.16	207048	32.79	36.41	37.10	403448	2320810	74	78	P1	3.1	34.50	37.37	37.88	205784	339564				
9	13	P2	4.6	32.74	36.35	37.04	195400	30.65	35.38	36.02	167632	2431296	75	76	P2	3.4	34.64	37.21	37.79	184440	32.57	37.29	37.83	390224	32.54104
10	8	P8	9.7	30.36	35.96	36.65	51098	30.61	36.11	36.78	110489	2499708	76	74	B	8.0	31.38	35.81	36.95	591720	638320				
11	9	P0	8.0	38.80	36.27	35.90	549472	30.49	36.11	36.78	110489	2741544	77	75	B	7.0	31.62	35.47	36.04	572600	31.57	36.54	37.03	134816	715656
12	10	P8	8.7	36.66	35.97	35.62	50776	30.49	35.95	36.58	103240	2791008	78	76	B	6.7	31.62	35.83	37.32	70236	31.57	36.54	37.03	134816	715656
13	11	P9	9.7	31.65	35.93	36.56	52464	30.49	35.95	36.58	103240	2791008	79	77	B	7.0	31.49	35.44	37.01	68816	31.56	36.63	37.16	139152	715656
14	12	P1	5.0	32.15	35.79	35.84	195464	30.53	35.85	36.50	107695	2791008	80	84	P1	4.4	33.35	36.55	37.01	198006	30.67	36.63	37.02	138615	3534072
15	13	P2	4.9	32.79	35.35	36.05	556298	30.53	35.85	36.50	107695	2791008	81	85	P1	4.2	33.35	36.55	37.02	165728	33.25	36.35	36.84	363728	116160
16	15	P9	9.0	32.35	35.45	36.25	51704	30.65	35.38	36.02	167632	322120	82	80	B	7.0	31.97	36.21	36.75	55288	1218088				
17	16	P0	9.0	49.35	34.55	36.07	54312	30.65	35.38	36.02	167632	322120	83	81	B	7.0	31.85	35.80	36.33	62104	31.91	36.04	36.53	118392	1210192
18	17	P1	10.0	29.95	35.34	36.00	49808	30.21	35.39	36.03	164120	3234244	84	82	B	7.0	31.85	35.80	36.33	62104	31.91	36.04	36.53	118392	1210192
19	17	P1	10.0	36.51	36.18	34.79	722120	31.70	36.39	36.03	164120	3234096	85	83	B	8.0	32.38	36.28	36.82	53439	32.31	36.42	36.96	112808	1339368
20	24	P1	1.9	36.51	36.18	34.79	722120	31.70	36.39	36.03	164120	3234096	86	90	P1	4.1	33.37	36.10	36.28	523630	32.31	36.42	36.96	112808	1339368
21	25	P0	2.9	37.05	37.88	38.59	585259	37.03	38.04	38.60	1307376	3415260	87	91	P2	3.6	32.77	35.69	36.29	178080	33.06	35.89	36.43	403440	1764440
22	21	P1	9.0	36.30	36.51	36.78	578170	30.65	35.38	36.05	164120	3475152	88	80	B	8.0	31.01	35.62	36.05	57600	31.56	36.63	37.16	139152	1854040
23	22	P2	9.0	36.85	36.58	37.16	465236	30.65	35.38	36.05	164120	3475152	89	87	B	8.0	31.01	35.62	36.05	57600	31.03	35.45	35.91	114000	1916149
24	23	P3	9.0	37.22	36.35	36.97	55624	30.65	35.38	36.05	164120	3475152	90	88	B	8.0	31.01	35.62	36.05	56335	30.91	35.98	36.43	1967376	1967376
25	23	P4	9.0	37.22	36.35	36.97	55624	30.65	35.38	36.05	164120	3475152	91	86	B	8.0	31.01	35.62	36.05	56335	30.91	35.98	36.43	1967512	1967512
26	24	P5	3.2	34.66	37.34	37.99	233120	32.48	37.00	37.07	428448	5271448	92	96	I	3.1	36.85	38.48	38.85	756536	30.91	35.98	36.43	1967512	1967512
27	27	P1	3.7	33.92	36.68	37.31	54720	32.48	37.00	37.07	428448	5271448	93	97	P0	2.0	37.67	37.82	38.45	603792	37.26	38.14	38.65	1359328	3371144
28	26	P8	7.0	31.51	36.82	37.44	56564	32.48	37.00	37.07	428448	5271448	94	92	B	8.0	31.18	36.38	36.79	53920	34.25	36.29	36.72	1082526	3417440
29	27	P1	7.0	31.51	36.82	37.44	56564	32.48	37.00	37.07	428448	5271448	95	93	B	8.0	31.18	36.38	36.79	53920	34.25	36.29	36.72	1082526	3417440
30	28	P1	6.7	31.59	36.52	37.18	578170	32.48	37.00	37.07	428448	5271448	96	96	B	8.0	31.18	36.38	36.79	53920	34.25	36.29	36.72	1082526	3417440
31	29	P7	7.0	31.47	36.11	36.79	54824	31.53	36.36	36.98	132844	2717308	97	95	B	8.0	31.18	36.38	36.79	53920	34.25	36.29	36.72	1082526	3417440
32	30	P1	3.5	34.62	35.43	37.14	254368	34.42	36.42	37.13	519024	1947944	98	105	P1	3.2	33.83	36.26	36.83	217729	33.81	36.35	36.94	449112	1844282
33	30	P8	6.0	32.00	35.85	36.55	569112	30.38	35.82	36.45	101352	1404556	99	105	B	7.0	31.88	35.95	36.53	595956	31.72	35.96	36.52	1244872	1279152
34	34	P4	2.0	36.35	35.15	36.55	719409	31.90	36.92	36.58	112648	2195910	100	105	B	7.0	31.42	36.07	36.84	67104	31.78	36.25	36.78	1216000	1500000
35	35	P5	7.0	31.71	35.81	36.50	554116	31.90	36.92	36.58	112648	2195910	101	114	P1	3.0	32.68	36.25	36.84	218512					

126	132	P1	4.7	31.91	36.36	40.31	1615152	36.64	37.40	38.00	38.60	39.20	39.80	40.40	41.00								
127	134	F2	4.7	31.07	35.94	36.54	1617544	32.89	35.31	36.57	37.74	1157544	195.92	195.72	3.4	34.76	35.18	36.77	37.43	34.53	36.96	37.43	451376
130	135	B	8.0	30.51	35.47	36.77	1618584	32.83	32.53	36.19	44440	120584	196.124	196.0	5.0	33.73	37.13	37.65	77084	33.86	36.95	37.49	150056
132	139	B	8.0	30.48	35.54	36.95	161872	30.57	35.59	36.21	100712	162856	197.195	197.05	5.0	34.96	36.77	37.33	75922	33.86	36.95	37.49	694415
133	131	B	8.0	30.44	35.62	36.18	161884	30.44	35.54	36.11	101328	1310104	198.136	198.0	5.0	33.70	37.00	37.46	75672	33.86	36.95	37.49	770088
134	141	P1	3.9	33.35	35.94	36.83	1618958	30.44	35.55	36.11	101328	1359584	199.197	199.05	5.0	33.12	36.36	37.24	76048	33.81	36.88	37.35	151720
135	139	P2	4.2	33.15	35.76	36.37	161976	31.35	35.85	36.50	461544	1201152	200.224	200.1	3.9	33.46	36.29	36.83	11992	33.57	36.15	36.66	397227
136	140	B	7.0	31.30	35.34	36.00	162080	30.77	35.26	35.86	161824	1201152	201.260	201.1	3.9	33.46	36.29	36.83	11992	33.57	36.15	36.66	1243168
137	135	B	7.7	31.71	35.26	35.86	162084	30.87	35.30	35.93	140302	1964160	203.201	203.1	7.0	32.80	35.92	36.34	51200	32.81	36.08	36.50	100224
138	146	B	7.7	31.75	35.40	35.92	162088	30.87	35.30	35.93	140302	2029808	204.202	204.1	7.0	32.49	36.36	36.38	50192	32.81	36.08	36.50	1393294
139	146	B	8.0	31.28	35.26	35.85	162098	31.65	35.33	35.89	125616	2082776	205.203	205.1	7.0	32.45	35.74	36.20	47354	32.48	35.88	36.34	91580
140	144	P1	1.4	31.30	35.58	36.11	162105	31.44	35.55	36.11	787850	2078800	206.210	206.1	3.3	34.39	35.34	36.92	260958	32.43	35.16	36.76	488520
141	140	P1	1.4	31.58	35.58	36.11	162105	31.27	35.30	36.00	50040	2078800	207.210	207.1	3.6	34.36	36.02	36.61	227960	32.43	35.16	36.76	1930112
142	140	B	8.0	31.19	35.18	36.00	162106	30.87	35.00	35.44	1605232	3695072	208.208	208.1	6.0	33.46	35.47	36.39	55080	32.90	35.77	36.26	117808
143	141	B	7.7	31.21	35.21	36.71	162108	31.20	36.28	36.80	119576	375080	210.208	210.1	3.6	32.75	35.85	36.17	6288	32.90	35.77	36.26	1050125
144	142	B	7.7	31.38	35.64	37.23	162108	31.20	36.28	36.80	50080	375080	211.209	211.1	3.6	32.81	35.63	36.20	50488	32.88	35.73	36.27	2121960
145	143	B	8.0	31.21	35.33	36.90	162109	31.29	36.48	37.06	118272	118272	212.210	212.1	2.0	36.38	37.95	38.37	726320	32.88	35.73	36.27	1245168
146	150	P1	4.2	32.87	36.55	36.96	162109	31.96	36.48	37.06	118272	1964160	213.210	213.1	2.0	36.35	37.95	38.34	595992	32.87	35.73	36.27	1322312
147	151	P2	4.6	33.08	36.55	37.02	162109	31.97	36.55	36.99	377480	495752	214.212	214.1	6.0	32.52	36.36	36.95	63432	32.55	36.51	37.00	3555111
148	150	B	8.0	30.93	35.42	36.33	162110	30.81	36.49	37.00	109872	605624	215.213	215.1	6.0	32.19	36.36	37.05	73904	32.35	36.51	37.00	172152
149	149	B	8.0	30.74	35.22	36.17	162110	30.82	36.28	36.70	110128	605648	216.214	216.1	6.0	32.35	36.90	37.43	72616	32.43	35.75	37.22	138516
150	152	P1	5.0	32.48	35.84	36.43	162110	30.82	36.28	36.70	110128	605648	217.215	217.1	3.6	32.45	36.35	37.03	66000	32.43	35.75	37.22	138516
153	157	P2	5.2	32.28	35.76	36.29	162110	31.38	35.82	36.36	351752	1007524	218.216	218.1	3.6	32.45	36.35	37.03	224560	32.43	35.75	37.22	138516
154	152	B	9.7	32.06	35.45	35.75	162110	31.29	36.48	37.06	118272	1124928	219.219	219.1	3.6	32.81	35.83	36.20	50488	32.88	35.73	36.27	2121960
155	153	B	9.0	30.63	35.55	36.04	162110	30.96	35.52	35.89	111320	1178824	220.220	220.1	2.0	31.58	35.78	37.16	59376	32.88	35.73	36.27	1245168
156	154	B	9.0	30.42	35.42	35.83	162110	30.96	35.52	35.89	54080	1232904	221.219	221.1	2.0	31.81	35.59	37.05	59448	31.89	36.69	37.11	119184
157	154	B	9.0	30.23	35.42	36.17	162110	30.96	35.52	35.89	54080	1232904	222.220	222.1	2.0	31.53	35.45	36.85	61288	32.01	35.48	36.92	72616
158	152	P1	5.3	31.22	35.15	36.70	162110	30.96	35.52	35.89	54080	1232904	223.221	223.1	2.0	31.73	35.95	36.95	57536	31.61	36.20	36.60	118824
159	163	P2	5.3	31.22	35.15	36.70	162110	31.00	35.26	35.87	350032	1452056	224.222	224.1	3.6	31.81	35.35	36.49	80072	32.07	35.48	36.02	152800
160	156	B	8.0	30.25	35.16	36.51	162110	30.82	35.16	36.51	55928	162076	225.223	225.1	3.6	32.53	36.41	36.93	184192	33.81	36.33	36.93	417120
161	159	B	8.0	30.96	35.18	36.75	162110	30.45	35.17	35.73	50112	162076	226.224	226.1	3.6	31.51	35.00	36.38	424224	32.45	35.75	37.22	138516
162	160	B	8.0	30.72	34.98	35.46	162110	30.45	35.17	35.73	461540	162076	227.225	227.1	3.6	31.50	35.29	36.25	424224	32.45	35.75	37.22	138516
163	161	B	9.0	30.36	34.31	35.42	162110	30.51	34.90	35.45	82184	1630572	228.226	228.1	3.6	31.08	35.42	35.92	67800	32.20	35.58	36.12	134248
164	167	P1	2.0	36.29	37.43	38.41	162110	30.93	37.81	38.34	1331095	358984	229.227	229.1	3.6	33.33	36.52	37.37	119184	32.07	35.48	36.02	152800
165	167	B	9.0	30.47	35.94	36.46	162110	30.93	37.81	38.34	1331095	358984	230.228	230.1	3.6	33.33	36.52	37.37	119184	32.07	35.48	36.02	152800
166	167	B	9.0	31.23	35.24	36.38	162110	31.10	36.06	36.57	82556	320556	231.229	231.1	3.6	33.33	36.52	37.37	80254	32.07	35.48	36.02	152800
167	169	B	9.0	30.62	35.23	36.38	162110	30.96	35.23	36.38	43894	383084	232.230	232.1	3.6	31.81	35.35	36.49	80072	32.07	35.48	36.02	152800
168	177	B	7.0	31.28	36.30	36.86	162110	30.96	35.23	36.86	52752	31.70	233.231	233.1	3.6	31.05	35.57	36.87	50400	31.42	35.76	36.27	130474
169	175	P1	3.1	34.30	36.88	37.59	162110	34.92	37.17	37.79	475560	375560	234.241	234.1	3.6	36.36	37.78	38.39	50352	37.12	37.93	38.48	1316944
170	179	B	7.0	31.54	36.35	36.90	162110	34.92	37.17	37.79	475560	375560	235.242	235.1	3.6	36.33	36.52	37.12	50352	37.12	37.93	38.48	1316944
171	179	B	7.0	31.54	36.35	36.90	162110	34.92	37.17	37.79	475560	375560	236.243	236.1	3.6	36.33	36.52	37.12	50352	37.12	37.93	38.48	1316944
172	179	B	7.0	31.54	36.35	36.90	162110	34.92	37.17	37.79	475560	375560	237.244	237.1	3.6	36.33	36.52	37.12	50352	37.12	37.93	38.48	1316944
173	179	B	7.0	31.54	36.35	36.90	162110	34.92	37.17	37.79	475560	375560	238.245	238.1	3.6	36.33	36.52	37.12	50352	37.12	37.93	38.48	1316944
174	179	B	7.0	31.54	36.35	36.90	162110	34.92	37.17	37.79	475560	375560	239.246	239.1	3.6	36.33	36.52	37.12	50352	37.12	37.93	38.48	1316944
175	179	B	7.0	31.54	36.35	36.90	162110	34.92	37.17	37.79	475560	375560	240.247	240.1	3.6	36.33	36.52	37.12	50352	37.12	37.93	38.48	1316944
176	179	B	7.0	31.54	36.35	36.90	162110	34.92	37.17	37.79	475560	375560	241.248	241.1	3.6	36.33	36.52	37.12	50352	37.12	37.93	38.48	1316944
177	179	B	7.0	31.54	36.35	36.90	162110	34.92	37.17	37.79	475560	375560	242.249	242.1	3.6	36.33	36.52	37.12	50352	37.12	37.93	38.48	1316944
178	179	B	7.0	31.54	36.35	36.90	162110	34.92	37.17	37.79	475560	375560	243.250	243.1	3.6	36.33	36.52	37.1					

Number of bits																	
Coefficients	T	4651099 bits															
Cb		1179132 bits															
Cr		1339432 bits															
total		7169663 bits															
Motion vectors		549405 bits															
Overhead		395844 bits															
TOTAL		6114952 bits															
Mean value of Q scale		3.64															
P2-picture : 38 pictures																	
SNR for luminance		35.00 dB															
SNR for chrominance (Cb)		39.12 dB															
SNR for chrominance (Cr)		39.29 dB															
Number of bits																	
Coefficients	T	3067491 bits															
Cb		723515 bits															
Cr		854368 bits															
total		4645374 bits															
Motion vectors		1002866 bits															
Overhead		431116 bits															
TOTAL		6073576 bits															
Mean value of Q scale		4.41															
People : 9,000 Kbits/sec : Statistics of each field and frame																	
field statistics																	
COF	INP	T	Qnc	SN-T	SH-Cb	SH-Cr	bits	SN-T	SH-Cb								
0	0	1	1.2	30.41	41.92	41.51	306056	38.72	42.44	41.90							
1	1	P1	1.0	30.01	41.92	42.26	305976	37.68	42.44	41.90							
2	2	P1	2.2	31.45	51.57	52.26	305920	37.68	42.44	41.90							
3	3	P1	2.5	36.01	41.92	40.55	305848	37.60	41.24	41.07							
4	4	2	3.0	35.49	40.40	40.60	111020	35.51	40.73	40.75							
5	5	4	3.0	35.53	40.40	40.60	111038	35.51	40.73	40.75							
6	6	4	3.0	35.48	40.70	40.69	120216	35.52	40.73	40.75							
7	7	5	5.9	35.45	42.40	40.59	110106	35.45	40.69	40.64							
8	8	12	P1	2.3	35.71	41.15	40.41	107544	35.45	40.73	40.74						
9	9	13	P2	2.9	36.32	40.40	40.50	106244	35.51	40.76	40.74						
10	10	6	8	35.43	40.42	40.46	111144	35.42	40.31	40.39							
11	11	9	8	35.41	40.21	40.31	111834	35.42	40.31	40.39							
12	12	10	8	35.43	40.28	40.37	117568	35.42	40.31	40.39							
13	13	11	8	35.35	39.39	40.27	107264	35.41	40.17	40.32							
14	14	18	P1	2.7	36.30	40.77	40.68	105920	35.42	40.42	40.47						
15	15	19	P2	3.7	35.52	38.37	37.72	144906	35.35	40.17	40.14						
16	16	14	8	34.95	39.48	37.75	120200	35.35	40.17	40.14							
17	17	8	5.0	34.84	39.31	37.50	87616	34.93	39.35	39.65							
18	18	9	4.0	35.37	39.56	37.75	99108	34.93	39.35	39.65							
19	19	7	4.0	35.64	40.45	40.82	107248	35.40	39.61	39.79							
20	20	1	3.0	35.52	41.41	42.02	107260	37.49	41.25	41.00							
21	21	5	2.0	35.46	41.37	41.08	120204	35.40	40.11	40.24							
22	22	8	4.7	35.19	38.51	39.69	98588	35.18	39.63	39.69							
23	23	1	3.0	35.43	40.28	40.37	117568	35.18	39.63	39.69							
24	24	8	4.7	35.17	39.81	39.87	96784	35.17	39.81	39.87							
25	25	9	4.0	35.62	39.88	40.08	106632	35.39	39.81	39.90							
26	26	10	P1	2.1	35.82	41.12	40.85	224086	35.31	39.87	39.90						
27	27	31	P2	2.8	36.39	40.32	40.32	178086	35.60	40.73	40.58						
28	28	6	4.0	35.30	40.28	40.39	109576	35.30	40.28	40.39							
29	29	7	8	35.37	40.01	40.09	115184	35.34	40.11	40.24							
30	30	9	8	35.36	40.01	40.09	115184	35.34	40.11	40.24							
31	31	8	8	35.36	39.86	40.06	105760	35.25	40.12	40.21							
32	32	6	2	36.36	40.41	40.65	205392	37.02	41.14	40.91							
33	33	21	P1	2.1	36.36	40.41	40.65	303816	35.34	39.90	40.09						
34	34	22	P2	2.7	36.31	40.47	40.32	106532	35.73	40.69	40.62						
35	35	23	B	4.0	35.31	39.72	39.85	113484	35.31	39.87	39.90						
36	36	24	B	4.0	35.30	39.70	39.74	114244	35.31	39.87	39.90						
37	37	5	B	4.0	35.23	39.71	39.88	106948	35.27	39.84	40.06						
38	38	12	P1	2.0	37.14	41.45	41.19	242880	35.02	40.11	40.42						
39	39	13	P2	2.3	36.90	40.84	40.65	205392	37.02	41.14	40.91						
40	40	8	B	4.0	35.35	40.46	40.68	107008	35.34	40.12	40.56						
41	41	9	B	4.0	35.35	40.46	40.62	114242	35.34	39.90	40.09						
42	42	10	B	4.0	35.32	40.46	40.62	113550	35.34	39.90	40.09						
43	43	11	B	4.0	35.31	40.43	40.61	104400	35.32	40.15	40.22						
44	44	1	2.1	37.34	41.09	40.87	125832	35.32	40.15	40.22							
45	45	9	P0	2.0	37.47	41.51	41.24	261298	37.40	41.30	41.05						
46	46	8	P0	2.0	36.67	40.41	40.16	105552	35.30	40.35	40.39						
47	47	9	B	4.0	35.37	40.31	40.31	114040	35.36	40.35	40.38						
48	49	10	B	4.0	35.41	40.50	40.60	116884	35.47	40.40	40.53						
49	49	4	B	4.0	35.45	40.41	40.46	106084	35.43	40.40	40.53						
50	50	5	P1	2.1	37.26	41.74	41.31	238288	35.43	40.40	40.53						
51	51	5	P2	2.7	36.64	40.72	40.54	186552	36.94	41.07	40.96						
52	52	8	P0	4.0	35.44	40.48	40.61	104976	35.45	40.16	40.44						
53	53	9	B	4.0	35.32	40.49	40.51	113566	35.40	40.44	40.46						
54	54	10	B	4.0	35.32	40.49	40.51	113566	35.40	40.44	40.46						
55	55	8	B	4.0	35.30	40.49	40.51	113566	35.40	40.44	40.46						
56	56	9	P1	2.2	36.44	41.22	40.39	107044	35.46	40.44	40.56						
57	57	8	P0	4.0	35.44	40.34	40.48	117912	36.86	41.15	40.97						
58	58	8	P0	4.0	35.39	40.30	40.43	117248	36.86	40.29	40.29						
59	59	8	P0	4.0	35.40	40.21	40.40	104952	35.39	40.25	40.42						

62	66	P1	2.2	36.97	41.39	41.19	224784	2180856	128	132	P1	2.2	37.02	41.62	41.50	223000	1352136
63	67	P2	2.9	36.52	40.51	40.51	178344	36.74	40.89	40.81	164512	36.75	41.19	41.14	387512	1516648	
64	62	B	4.0	35.45	40.32	40.38	198624	2467824	129	133	P2	3.0	36.50	40.89	40.81	164512	1634772
65	63	B	4.0	35.39	40.18	40.29	116064	2584668	130	129	B	4.0	35.52	40.24	40.45	121216	1754668
66	64	B	4.0	35.40	40.15	40.27	103624	2698922	131	129	B	4.0	35.52	40.24	40.45	121216	1754668
67	67	B	4.0	35.40	40.15	40.27	103624	2698922	132	130	B	4.0	35.52	40.24	40.45	121216	1754668
68	68	B	2.3	37.08	40.00	40.28	314685	35.42	40.25	40.35	218084	35.42	40.25	40.35	218084	1352136	
69	69	P1	2.0	37.49	41.57	41.27	259392	37.28	41.22	41.21	104080	37.28	41.22	41.21	104080	1352136	
70	70	B	4.0	35.38	40.32	40.55	104304	35.41	40.30	40.49	221286	35.41	40.30	40.49	221286	1352136	
71	70	B	4.0	35.41	40.38	40.75	104304	3485672	131	129	B	4.0	35.41	40.38	40.75	104304	1352136
72	70	B	4.0	35.41	40.38	40.75	104304	3485672	132	129	B	4.0	35.41	40.38	40.75	104304	1352136
73	71	B	4.0	35.39	40.43	40.62	106032	35.37	40.44	40.69	221400	35.37	40.44	40.69			

194	198	P1	4.	35.39.39.75	10.08	204742	260	264	J.7.1	34.22.35.18.35.53	305500	
195	199	P2	4.9	34.66.39.20.36.53	154376	34.97.39.47.39.80	357848	636912	261	265	P0.9	33.52.37.61.37.91
196	194	B	5.7	34.73.38.25.39.65	124244	35.98.39.47.39.80	357848	759338	262	265	B.9.0	33.52.37.61.37.91
197	195	B	6.3	34.43.38.78.39.12	140584	34.58.39.01.39.38	263008	639920	263	261	B.10.0	32.34.36.36.36.65
198	197	D	6.6	34.48.38.40.38.38	134152	34.58.39.01.39.38	103407	264	262	B.10.5	32.34.36.36.35.53	
199	201	P1	6.6	34.56.36.69.39.35	122466	34.32.38.04.39.08	256920	1158649	265	263	B.11.0	32.34.36.36.37.53
200	204	P2	6.5	34.56.36.69.39.35	117459	34.48.38.04.39.08	347000	1356600	266	270	P1.6.9	32.34.36.36.37.53
201	205	P2	6.5	34.56.36.69.39.35	117459	34.48.38.04.39.08	347000	1356600	267	271	P2.6.9	32.34.36.36.37.53
202	200	B	7.7	33.81.37.05.38.28	112554	33.40.37.72.38.02	134744	1616424	268	266	B.9.3	32.34.36.36.37.57
203	201	B	8.0	33.40.37.72.38.02	112554	33.50.37.04.34.15	247328	1751168	269	267	B.11.0	31.75.35.74.35.95
204	202	B	8.0	33.46.37.63.38.07	137816	33.68.37.75.34.25	256446	1888984	270	268	B.11.0	31.68.35.81.35.93
205	203	B	7.9	33.88.37.80.38.43	114680	33.68.37.75.34.25	256446	2007864	271	269	B.8.7	32.74.36.51.34.95
206	210	P1	5.0	34.36.38.31.38.48	200360	32.08.37.22.37.41	220824	272	272	P1.7.9	32.45.35.76.35.76	
207	211	P2	5.8	34.36.37.97.38.19	145288	34.20.38.14.34.34	345648	2533312	273	271	P2.7.9	32.48.35.78.35.98
208	205	B	7.7	33.28.37.58.37.79	110846	33.21.37.38.37.57	259808	2613120	274	272	B.10.3	31.85.35.81.38.11
209	207	B	8.3	33.14.37.19.37.38	138986	33.21.37.38.37.57	259808	2613120	275	273	B.11.5	31.40.35.45.35.61
210	208	B	8.0	33.03.36.88.37.26	132120	32.74.32.30.37.26	2745240	276	274	B.11.8	31.47.35.45.35.60	
211	209	P1	8.3	33.44.37.33.37.74	113816	33.18.37.10.37.49	245936	2858058	277	275	B.9.7	32.25.35.55.35.80
212	215	I	3.1	38.47.30.27.40.62	322350	35.18.36.88.36.17	222216	3181409	278	282	P1.7.3	33.03.36.80.37.22
213	217	P1	3.0	35.72.36.88.36.17	192780	36.07.40.07.40.39	344576	3403698	279	283	P2.6.8	32.32.36.35.35.60
214	218	B	8.9	33.46.37.48.37.84	150516	33.22.37.23.31.72	102012	3528712	280	283	B.10.3	31.92.35.78.35.28
215	213	B	8.9	33.46.37.48.37.84	150516	33.22.37.23.31.72	102012	3528712	281	280	B.10.3	31.92.35.78.35.28
216	214	B	8.9	33.06.36.96.37.45	135056	33.08.37.22.37.45	264024	3603699	282	280	B.11.0	31.07.35.50.35.95
217	215	B	8.9	33.56.37.64.38.28	117088	33.31.37.30.31.82	252144	3510568	283	281	B.11.0	32.53.36.05.35.95
218	222	P1	5.3	34.41.38.24.38.88	168480	34.18.30.01.34.46	337784	446084	284	285	I.9.8	33.32.37.32.37.65
219	223	P2	6.3	33.91.37.80.38.24	142944	34.18.30.01.34.46	337784	509928	285	288	P0.10.0	31.79.35.94.36.38
220	218	B	8.8	33.44.37.50.38.03	142704	33.10.36.88.36.03	192216	714632	286	284	B.10.3	31.91.35.83.36.28
221	219	B	9.0	33.00.36.88.37.44	140920	33.22.37.23.31.72	2565624	893432	287	285	B.11.0	31.68.35.50.35.08
222	220	B	9.0	33.11.36.82.37.41	137880	33.22.37.23.31.72	2565624	893432	288	286	B.10.3	32.18.35.43.35.34
223	221	B	8.9	33.84.37.43.37.98	116852	33.27.37.11.37.68	256032	1112304	289	287	B.9.7	32.45.36.11.38.67
224	222	P1	5.3	35.58.38.09.38.48	182782	32.08.37.22.37.45	264024	1305160	290	294	P1.6.9	33.18.37.03.37.45
225	220	P2	6.5	34.06.37.70.38.13	136160	34.28.37.47.38.30	331432	1443815	291	285	P2.7.7	32.44.36.68.37.12
226	227	B	8.9	33.46.37.48.37.84	130376	33.25.36.88.37.44	273016	1571182	292	291	B.11.0	31.40.35.81.35.97
227	225	B	8.9	33.30.36.70.37.81	140412	33.25.36.88.37.44	273016	1608032	293	291	B.11.0	31.40.35.81.35.97
228	226	B	8.9	33.30.36.70.37.81	140412	33.25.36.88.37.44	273016	1659044	294	292	B.10.5	32.01.35.68.35.23
229	227	B	8.0	33.74.37.37.37.74	122408	33.53.38.03.31.49	282520	1870352	295	293	B.8.7	32.80.30.34.35.86
230	234	P1	6.1	34.16.37.73.36.08	176866	33.28.36.84.37.86	102168	2158243	296	296	P1.6.7	33.16.36.99.37.37
231	233	P2	7.1	33.62.37.50.37.79	130232	33.85.37.62.31.92	307128	2286400	297	299	P2.7.4	32.89.36.70.37.24
232	230	B	8.7	33.35.36.78.37.28	119360	33.28.36.84.37.49	267104	2405840	298	296	B.8.5	32.45.36.47.35.87
233	231	B	8.7	33.09.36.88.37.04	131616	33.22.36.57.37.15	256580	2530900	299	297	B.8.5	32.45.36.37.38.68
234	231	B	9.3	33.36.38.49.31.12	136128	32.87.37.07.37.38	310344	2757123	300	295	P2.7.7	32.44.36.68.37.12
235	234	B	9.3	33.45.38.66.37.30	110468	34.42.36.58.37.21	246116	2785618	301	294	B.11.0	31.40.35.81.35.97
236	240	I	4.0	35.73.39.58.40.08	300112	35.34.39.33.39.15	325808	3093782	302	293	B.11.0	31.40.35.81.35.97
237	241	P1	4.0	34.86.39.11.38.51	176788	35.34.39.33.39.15	325808	3111485	303	292	B.11.0	31.40.35.81.35.97
238	242	P2	4.7	34.86.39.11.38.51	176788	35.34.39.33.39.15	325808	3111485	304	291	B.11.0	31.40.35.81.35.97
239	237	B	10.0	31.74.38.31.36.85	141224	32.92.36.58.37.06	266560	3578043	305	293	B.8.7	32.80.30.34.35.86
240	238	B	8.9	33.02.38.54.37.21	141612	32.92.36.58.37.06	266560	414972	306	292	B.11.0	31.40.35.81.35.97
241	239	B	8.9	33.55.37.37.37.89	125432	33.28.36.84.37.49	267104	247104	307	291	B.9.7	32.45.36.11.38.67
242	246	P1	6.7	33.39.37.51.37.83	181936	32.87.37.07.37.38	310344	449040	308	294	P1.6.9	33.18.37.03.37.45
243	247	P2	7.8	32.87.37.07.37.38	128408	33.12.37.28.31.60	310344	577448	309	295	P2.7.7	32.44.36.68.37.12
244	242	B	10.1	32.38.35.47.38.85	113468	33.08.35.88.36.33	312004	609044	310	294	B.11.0	31.40.35.81.35.97
245	243	B	11.1	32.08.35.88.36.33	130408	33.53.36.17.34.58	243544	820992	311	293	B.10.5	32.01.35.68.35.23
246	244	B	11.0	32.13.35.81.36.26	132004	33.28.36.00.36.46	246176	953055	312	292	B.8.7	32.80.30.34.35.86
247	245	B	10.0	32.44.36.21.36.67	114112	33.42.37.39.37.74	341108	1057165	313	291	B.7.6	32.16.36.99.37.37
248	252	P1	6.0	33.86.37.49.37.86	197288	33.42.37.39.37.74	341108	1254455	314	290	P1.6.6	32.16.36.99.37.37
249	251	P2	6.0	33.86.37.49.37.86	197288	33.42.37.39.37.74	341108	1254455	315	291	P2.6.6	32.16.36.99.37.37
250	250	B	9.0	32.44.36.28.36.45	141506	32.24.36.24.36.62	271588	1629904	316	290	B.8.7	32.16.36.99.37.37
251	251	B	8.7	32.70.38.47.37.07	124580	32.57.36.36.36.92	268704	1846608	317	291	B.7.6	32.16.36.99.37.37
252	251	P1	5.8	33.82.37.50.37.90	197520	32.57.36.36.36.92	268704	2146128	318	290	P1.6.6	32.16.36.99.37.37
253	254	P2	7.6	32.86.37.19.37.30	131958	33.32.37.35.31.59	329472	2270600	319	291	P2.6.6	32.16.36.99.37.37
254	254	B	9.7	32.24.36.33.36.69	117408	33.22.36.20.36.58	2509802	2395468	320	290	B.10.0	32.16.36.99.37.37
255	255	B	10.0	32.19.36.36.36.48	142584	32.22.36.20.36.58	2509802	2538072	321	291	B.9.9	32.16.36.99.37.37
256	258	B	10.0	32.33.36.34.36.55	139792	32.50.36.33.36.77	261502	2677864	322	290	B.9.9	32.16.36.99.37.37
259	257	B	9.0	32.68.36.52.37.60	121600	32.50.36.33.36.77	261502	2709464	323	290	B.8.9	32.16.36.99.37.37

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VLC code	macroblock_quant
1	0

NOTE - macroblock_intra = 1, macroblock_pattern = 0, macroblock_motion_forward = 0, macroblock_motion_backward = 0

7.3 Macroblock pattern

Table 7-3. Variable length codes for coded_block_pattern.

coded_block_pattern VLC code	cbp	coded_block_pattern VLC code	cbp
11	8	000100	6
10	12	000011	9
011	4	000010	10
010	14	0000011	3
0011	13	0000010	5
0010	15	0000001	7
00011	2	00000001	11
000101	1		

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7.4 Motion vectors

Table 7-4a. Variable length codes for motion_horizontal_forward, motion_vertical_forward, motion_horizontal_backward, and motion_vertical_backward when forward_for backward_f is 1.

motion VLC code	little	big
0000 0011 001	-16	16
0000 0011 011	-13	17
0000 0011 101	-14	18
0000 0011 111	-13	19
0000 0100 001	-12	20
0000 0100 011	-11	21
0000 0100 111	-10	22
0000 0101 011	-9	23
0000 0101 111	-8	24
0000 0111 111	-7	25
0000 1001 111	-6	26
0000 1011 111	-5	27
0000 1111 111	-4	28
0001 1	-3	29
0011 1	-2	30
011 1	-1	31
1	0	
010	1	-31
0101	2	-30
0001 0	3	-29
0000 110	4	-28
0000 1010	5	-27
0000 1000	6	-26
0000 0110	7	-25
0000 0101 10	8	-24
0000 0101 00	9	-23
0000 0100 10	10	-22
0000 0100 010	11	-21
0000 0100 000	12	-20
0000 0011 110	13	-19
0000 0011 100	14	-18
0000 0011 010	15	-17
0000 0011 000	N/A	N/A

N/A - These table entries are not used and should not be generated by an encoder.

Table 7-4b. Variable length codes for motion_horizontal_forward, motion_vertical_forward, motion_horizontal_backward, and motion_vertical_backward when forward_for backward_f is 2.

motion VLC code (NOTE)	little		big	
	b = 0	b = 1	b = 1	b = 0
0000 0011 001 b	-31	-32	32	33
0000 0011 011 b	-29	-30	34	35
0000 0011 101 b	-27	-28	36	37
0000 0011 111 b	-25	-26	38	39
0000 0100 001 b	-23	-24	40	41
0000 0100 011 b	-21	-22	42	43
0000 0100 11 b	-19	-20	44	45
0000 0101 01 b	-17	-18	46	47
0000 0101 11 b	-15	-16	48	49
0000 0111 b	-13	-14	50	51
0000 1001 b	-11	-12	52	53
0000 1011 b	-9	-10	54	55
0000 1111 b	-7	-8	56	57
0001 1 b	-5	-6	58	59
0011 b	-3	-4	60	61
011 b	-1	-2	62	63
1	0			
010 b	1	2	-62	-63
0010 b	3	4	-60	-61
0001 0 b	5	6	-58	-59
0000 110 b	7	8	-56	-57
0000 1010 b	9	10	-54	-55
0000 1000 b	11	12	-52	-53
0000 0110 b	13	14	-50	-51
0000 0101 10 b	13	16	-48	-49
0000 0101 00 b	17	18	-46	-47
0000 0100 10 b	19	20	-44	-45
0000 0100 010 b	21	22	-42	-43
0000 0100 000 b	23	24	-40	-41
0000 0011 110 b	25	26	-38	-39
0000 0011 100 b	27	28	-36	-37
0000 0011 010 b	29	30	-34	-35
0000 0011 000 b	31	N/A	N/A	-33

111

N/A - These table entries are not used and should not be generated by an encoder.

NOTE - For VLC code 1, no b extension bit follows.

Table 7-4c. Variable length codes for motion_horizontal_forward, motion_vertical_forward, motion_horizontal_backward, and motion_vertical_backward when forward_for backward_f is 3.

motion VLC code (NOTE)	little			big		
	bb = 0	bb = 10	bb = 11	bb = 11	bb = 10	bb = 0
0000 0011 001 bb	-46	-47	-48	48	49	50
0000 0011 011 bb	-43	-44	-45	51	52	53
0000 0011 101 bb	-40	-41	-42	54	55	56
0000 0011 111 bb	-37	-38	-39	57	58	59
0000 0100 001 bb	-34	-35	-36	60	61	62
0000 0100 011 bb	-31	-32	-33	63	64	65
0000 0100 11 bb	-28	-29	-30	66	67	68
0000 0101 01 bb	-25	-26	-27	69	70	71
0000 0101 11 bb	-22	-23	-24	72	73	74
0000 0111 bb	-19	-20	-21	75	76	77
0000 1001 bb	-16	-17	-18	78	79	80
0000 1011 bb	-13	-14	-15	81	82	83
0000 1111 bb	-10	-11	-12	84	85	86
0001 1 bb	-7	-8	-9	87	88	89
0011 bb	-4	-5	-6	90	91	92
011 bb	-1	-2	-3	93	94	95
1	0					
010 bb	1	2	3	-93	-94	-95
010 bb	4	5	6	-90	-91	-92
0001 0 bb	7	8	9	-87	-88	-89
0000 110 bb	10	11	12	-84	-85	-86
0000 1010 bb	13	14	15	-81	-82	-83
0000 1000 bb	16	17	18	-78	-79	-80
0000 0110 bb	19	20	21	-75	-76	-77
0000 0101 10 bb	22	23	24	-72	-73	-74
0000 0101 00 bb	25	26	27	-69	-70	-71
0000 0100 10 bb	28	29	30	-66	-67	-68
0000 0100 010 bb	31	32	33	-63	-64	-65
0000 0100 000 bb	34	35	36	-60	-61	-62
0000 0011 110 bb	37	38	39	-57	-58	-59
0000 0011 100 bb	40	41	42	-54	-55	-56
0000 0011 010 bb	43	44	45	-51	-52	-53
0000 0011 000 bb	46	47	N/A	-49	-50	

N/A - These table entries are not used and should not be generated by an encoder.

NOTE - For VLC code 1, no bb extension bit follows. One or two extension bits follows the VLC as indicated in the heading.

MS-MOTO_752_0001230379

MS-MOTO_1823_00000720899

Table 7-4e. Variable length codes for motion_horizontal_forward, motion_vertical_forward, motion_horizontal_backward, and motion_vertical_backward when forward_for backward_f is 4.

motion VLC code (NOTE)	little				big			
	bb = 00	bb = 01	bb = 10	bb = 11	bb = 11	bb = 10	bb = 01	bb = 00
0000 0011 001 bb	-61	-62	-63	-64	64	65	66	67
0000 0011 011 bb	-57	-58	-59	-60	68	69	70	71
0000 0011 101 bb	-53	-54	-55	-56	72	73	74	75
0000 0011 111 bb	-49	-50	-51	-52	76	77	78	79
0000 0100 001 bb	-45	-46	-47	-48	80	81	82	83
0000 0100 011 bb	-41	-42	-43	-44	84	85	86	87
0000 0100 111 bb	-37	-38	-39	-40	88	89	90	91
0000 0101 001 bb	-33	-34	-35	-36	92	93	94	95
0000 0101 111 bb	-29	-30	-31	-32	96	97	98	99
0000 0111 bb	-25	-26	-27	-28	100	101	102	103
0000 1001 bb	-21	-22	-23	-24	104	105	106	107
0000 1011 bb	-17	-18	-19	-20	108	109	110	111
0000 1111 bb	-13	-14	-15	-16	112	113	114	115
0011 bb	-9	-10	-11	-12	116	117	118	119
0111 bb	-5	-6	-7	-8	120	121	122	123
011 bb	-1	-2	-3	-4	124	125	126	127
1	0							
010 bb	1	2	3	4	-124	-125	-126	-127
0010 bb	5	6	7	8	-120	-121	-122	-123
0001 bb	9	10	11	12	-116	-117	-118	-119
0000 110 bb	13	14	15	16	-112	-113	-114	-115
0000 1010 bb	17	18	19	20	-108	-109	-110	-111
0000 1000 bb	21	22	23	24	-104	-105	-106	-107
0000 0110 bb	25	26	27	28	-100	-101	-102	-103
0000 0101 10 bb	29	30	31	32	-96	-97	-98	-99
0000 0101 00 bb	33	34	35	36	-92	-93	-94	-95
0000 0100 10 bb	37	38	39	40	-88	-89	-90	-91
0000 0100 01 bb	41	42	43	44	-84	-85	-86	-87
0000 0100 00 bb	45	46	47	48	-80	-81	-82	-83
0000 0011 110 bb	49	50	51	52	-76	-77	-78	-79
0000 0011 100 bb	53	54	55	56	-72	-73	-74	-75
0000 0011 010 bb	57	58	59	60	-68	-69	-70	-71
0000 0011 000 bb	61	62	63	N/A	N/A	-65	-66	-67

N/A - These table entries are not used and should not be generated by an encoder.
NOTE- For VLC code 1, no bb extension bit follows.

Table 7-4e. Variable length codes for motion_horizontal_forward, motion_vertical_forward, motion_horizontal_backward, and motion_vertical_backward when forward_for backward_f is 4.

motion VLC code (NOTE)	little				big			
	bbb	bbb	bbb	bbb	bbb	bbb	bbb	bbb
0000 0011 001 bbb	-76	-77	-78	-79	-80	80	81	82
0000 0011 011 bbb	-71	-72	-73	-74	-75	85	86	87
0000 0011 101 bbb	-66	-67	-68	-69	-70	90	91	92
0000 0011 111 bbb	-61	-62	-63	-64	-65	95	96	97
0000 0100 001 bbb	-56	-57	-58	-59	-60	100	101	102
0000 0100 011 bbb	-51	-52	-53	-54	-55	105	106	107
0000 0100 111 bbb	-46	-47	-48	-49	-50	110	111	112
0000 0101 001 bbb	-41	-42	-43	-44	-45	115	116	117
0000 0101 111 bbb	-36	-37	-38	-39	-40	120	121	122
0000 0111 bbb	-31	-32	-33	-34	-35	125	126	127
0000 1001 bbb	-26	-27	-28	-29	-30	130	131	132
0000 1011 bbb	-21	-22	-23	-24	-25	135	136	137
0000 1111 bbb	-16	-17	-18	-19	-20	140	141	142
0001 1bbb	-11	-12	-13	-14	-15	145	146	147
0111 bbb	-6	-7	-8	-9	-10	150	151	152
011 bbb	-1	-2	-3	-4	-5	155	156	157
1	0							
010 bbb	1	2	3	4	5	5	-155	-156
0010 bbb	6	7	8	9	10	10	-150	-151
0001 bbb	11	12	13	14	15	15	-145	-146
0000 110 bbb	16	17	18	19	20	20	-140	-141
0000 1010 bbb	21	22	23	24	25	25	-135	-136
0000 1000 bbb	26	27	28	29	30	30	-130	-131
0000 0110 bbb	31	32	33	34	35	35	-125	-126
0000 0101 10 bbb	36	37	38	39	40	40	-120	-121
0000 0101 00 bbb	41	42	43	44	45	45	-115	-116
0000 0100 10 bbb	46	47	48	49	50	50	-110	-111
0000 0100 00 bbb	51	52	53	54	55	55	-105	-106
0000 0100 000 bbb	56	57	58	59	60	60	-100	-101
0000 0011 110 bbb	61	62	63	64	65	65	-95	-96
0000 0011 100 bbb	66	67	68	69	70	70	-90	-91
0000 0011 010 bbb	71	72	73	74	75	75	-85	-86
0000 0011 000 bbb	76	77	78	79	N/A	N/A	-81	-82

N/A - These table entries are not used and should not be generated by an encoder.
NOTE- For VLC code 1, no bbb extension bit follows. Two or three extension bits follows the VLC as indicated in the heading.

Table 7-4f. Variable length codes for motion_horizontal_forward, motion_vertical_forward, motion_horizontal_backward, and motion_vertical_backward when forward_for backward_f is 6.

motion VLC code (NOTE)	little						big					
	bbb	bbb	bbb	bbb	bbb	bbb	bbb	bbb	bbb	bbb	bbb	bbb
0000 0011 001 bbb	-91	-92	-93	-94	-95	-96	96	97	98	99	100	101
0000 0011 011 bbb	-85	-86	-87	-88	-89	-90	102	103	104	105	106	107
0000 0011 101 bbb	-79	-80	-81	-82	-83	-84	108	109	110	111	112	113
0000 0011 111 bbb	-73	-74	-75	-76	-77	-78	114	115	116	117	118	119
0000 0100 001 bbb	-67	-68	-69	-70	-71	-72	120	121	122	123	124	125
0000 0100 011 bbb	-61	-62	-63	-64	-65	-66	126	127	128	129	130	131
0000 0100 111 bbb	-55	-56	-57	-58	-59	-60	132	133	134	135	136	137
0000 0101 001 bbb	-49	-50	-51	-52	-53	-54	138	139	140	141	142	143
0000 0101 111 bbb	-37	-38	-39	-40	-41	-42	150	151	152	153	154	155
0000 0101 000 bbb	-31	-32	-33	-34	-35	-36	156	157	158	159	160	161
0000 0101 110 bbb	-25	-26	-27	-28	-29	-30	162	163	164	165	166	167
0000 0111 111 bbb	-19	-20	-21	-22	-23	-24	168	169	170	171	172	173
0001 1bbb	-13	-14	-15	-16	-17	-18	174	175	176	177	178	179
0111 bbb	-7	-8	-9	-10	-11	-12	180	181	182	183	184	185
011 bbb	-1	-2	-3	-4	-5	-6	186	187	188	189	190	191
1	0											
010 bbb	1	2	3	4	5	6	-186	-187	-188	-189	-190	-191
0010 bbb	7	8	9	10	11	12	-180	-181	-182	-183	-184	-185
0001 0bbb	13	14	15	16	17	18	-174	-175	-176	-177	-178	-179
0000 110 bbb	19	20	21	22	23	24	-168	-169	-170	-171	-172	-173
0000 1010 bbb	25	26	27	28	29	30	-162	-163	-164	-165	-166	-167
0000 0100 000 bbb	31	32	33	34	35	36	-156	-157	-158	-159	-160	-161
0000 0101 10 bbb	37	38	39	40	41	42	-150	-151	-152	-153	-154	-155
0000 0101 100 bbb	43	44	45	46	47	48	-144	-145	-146	-147	-148	-149
0000 0101 00 bbb	49	50	51	52	53	54	-138	-139	-140	-141	-142	-143
0000 0000 10 bbb	55	56	57	58	59	60	-132	-133	-134	-135	-136	-137
0000 0000 000 bbb	61	62	63	64	65	66	-126	-127	-128	-129	-130	-131
0000 0011 110 bbb	67	68	69	70	71	72	-120	-121	-122	-123	-124	-125
0000 0011 100 bbb	73	74	75	76	77	78	-114	-115	-116	-117	-118	-119
0000 0011 010 bbb	79	80	81	82	83	84	-108	-109	-110	-111	-112	-113
0000 0011 000 bbb	85	86	87	88	89	90	-102	-103	-104	-105	-106	-107

N/A - These table entries are not used and should not be generated by an encoder.
NOTE- For VLC code 1, no bbb extension bit follows. Two or three extension bits follows the VLC as indicated in the heading.

Table 7-4g. Variable length codes for dmv_horizontal_forward, dmv_vertical_forward, dmv_horizontal_backward and dmv_vertical_backward.

dmv_horizontal/vertical_forward/backward VLC code	dmv value
0	0
10	1
11	-1
1	1
0	2
10	3
11	-4
1	4
0	5
10	6
11	-7
1	8
0	9
10	10
11	-11
1	12
0	13
10	14
11	-15
1	16
0	17
10	18
11	-19
1	20
0	21
10	22
1	

Table 7-5c. Variable length codes for dct_coeff_first.

dct_coeff_first variable length code (NOTE)	run	level
1s	0	1
011s	1	1
0101s	0	2
01001s	0	3
01000s	2	1
00111s	3	1
001101s	0	4
001100s	1	2
001011s	4	1
001010s	5	1
001001s	6	1
001000s	0	5
0010000s	2	2
0001111s	7	1
0001110s	8	1
0001101s	9	1
00011001s	0	6
00011000s	0	7
00010111s	1	3
00010110s	3	2
00010101s	4	2
00010100s	5	2
00010011s	12	1
00010010s	16	1
00010001s	0	8
00010000s	0	9
000100000s	1	4
0001000000s	6	2
000011111s	7	2
000011110s	8	2
000011101s	9	2
000011100s	10	1
000011011s	11	1
000011010s	13	1
000011001s	14	1
000011000s	17	1

NOTE - The last bit 's' denotes the sign of the level, '0' for positive, '1' for negative.

Table 7-5d. Variable length codes for dct_coeff_first.

dct_coeff_first variable length code (NOTE)	run	level
000010111s	18	1
000010110s	19	1
000010101s	24	
000010100s	32	1
000010011s	0	10
000010010s	0	11
000010001s	0	12
000010000s	1	5
0000100001s	2	3
0000100000s	15	1
00001000000s	16	2
000010000000s	20	1
000001111s	21	1
000001110s	22	1
0000011101s	25	1
0000011100s	33	1
000001101s	35	1
000001100s	40	1
0000011001s	41	1
0000011000s	43	1
000001011s	44	1
000001010s	escape	
0000010101s	0	13
0000010100s	0	14
00000101000s	0	15
000001010000s	1	6
0000010111s	2	4
0000010110s	3	3
00000101101s	4	3
00000101100s	5	3
000001001s	10	2
0000010010s	11	2
00000100100s	12	2
0000010000s	23	1
00000011111s	24	2
00000011110s	26	1
00000011101s	27	1
00000011100s	28	1

NOTE - The last bit 's' denotes the sign of the level, '0' for positive, '1' for negative.

Table 7-5e. Variable length codes for dct_coeff_first.

dct_coeff_first variable length code (NOTE)	run	level
00000011011s	32	2
00000011010s	34	1
00000011001s	36	1
00000011000s	40	2
00000010111s	42	1
00000010110s	48	1
00000010101s	0	16
00000010100s	0	17
000000101000s	0	18
0000001010000s	1	7
000000101011s	6	3
000000101010s	8	3
000000101001s	13	2
000000101000s	14	2
000000100011s	15	2
000000100010s	17	2
000000100001s	18	2
000000100000s	19	2
000000011111s	20	2
000000011110s	29	1
000000011101s	30	1
000000011100s	31	1
000000011011s	37	1
000000011010s	39	1
000000011001s	43	2
000000011000s	44	2
000000010111s	49	1
000000010110s	50	1
000000010101s	51	1
000000010100s	0	19
000000010011s	0	20
000000010010s	0	21
0000000100100s	0	22
00000001001000s	0	23
000000010010000s	1	8
0000000100100000s	2	5
00000001001000000s	3	4
000000010010000000s	4	4

NOTE - The last bit 's' denotes the sign of the level, '0' for positive, '1' for negative.

Table 7-5f. Variable length codes for dct_coeff_first.

dct_coeff_first variable length code (NOTE)	run	level
0000000100000s	5	4
00000001111s	7	3
00000001110s	21	2
000000011101s	22	2
000000011100s	25	2
00000001101s	26	2
000000011010s	33	2
000000011011s	35	2
000000011000s	36	2
0000000110111s	38	1
0000000110110s	41	2
0000000110101s	42	2
0000000110100s	45	1
0000000110011s	48	2
0000000110010s	52	1
0000000110001s	0	23
0000000110000s	0	24
00000001100000s	0	26
0000000100000s	0	27
00000001111s	0	28
00000001110s	1	9
000000011101s	1	10
000000011100s	2	6
0000000111001s	3	5
0000000111000s	6	4
00000001110001s	8	4
00000001110000s	9	3
000000011100000s	16	3
0000000111000000s	23	2
00000001110000000s	24	3
0000000110100s	27	2
0000000110101s	28	2
00000001101000s	34	2
000000011010000s	46	1
0000000110100000s	47	1
00000001101000000s	49	2
000000011010000000s	0	29
0000000110100000000s	0	30
00000001101000000000s	0	31

NOTE - The last bit 's' denotes the sign of the level, '0' for positive, '1' for negative.

Table 7-5g. Variable length codes for dcl_coeff_first.

dcl_coeff_first variable length code (NOTE)	run	level
000000000011010s	0	32
000000000011001s	0	33
000000000011000s	1	11
00000000001111s	2	7
000000000011010s	4	5
00000000001101s	10	3
00000000001100s	29	2
00000000001101s	30	2
00000000001100s	32	3
00000000001100s	53	1
00000000001100s	54	1
00000000001111s	56	1
000000000011101s	0	34
000000000011100s	0	35
000000000011011s	0	36
000000000011010s	0	37
000000000011001s	0	38
000000000011000s	0	39
000000000011011s	0	42
000000000011010s	1	12
000000000011010s	1	13
0000000000110100s	1	14
000000000011011s	3	6
000000000011010s	5	5
0000000000110100s	7	4
0000000000110000s	8	5
00000000001111s	9	4
00000000001110s	11	3
000000000011101s	12	3
000000000011100s	15	3
000000000011011s	31	2
000000000011010s	37	2
000000000011001s	38	2
000000000011000s	39	2
00000000001111s	40	3
00000000001110s	43	3
00000000001101s	45	2
00000000001100s	50	2
000000000011001s	55	1
000000000011010s	57	1

NOTE - The last bit 's' denotes the sign of the level, '0' for positive, '1' for negative.

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Table 7-5h. Variable length codes for dcl_coeff_next.

dcl_coeff_next variable length code (NOTE)	run	level
01s	0	1
001s	0	2
100s	1	1
101s	2	1
10110s	0	3
10111s	0	4
11000s	1	2
11001s	3	1
110100s	0	5
110101s	4	1
110110s	5	1
110111s	6	1
111000s	0	6
111001s	1	3
111010s	2	2
111011s	3	2
111000s	7	1
111001s	0	7
111010s	0	8
111011s	1	4
1111010s	4	2
1111011s	5	2
111110s	6	2
1111000s	8	1
1111001s	9	1
1111010s	11	1
1111011s	12	1
11111011s	13	1

NOTE - The last bit 's' denotes the sign of the level, '0' for positive, '1' for negative.

Table 7-5i. Variable length codes for dcl_coeff_next.

dcl_coeff_next variable length code (NOTE)	run	level
111110000s	15	1
111110001s	0	12
111110011s	0	13
111110100s	0	14
111110101s	1	6
111110110s	2	4
111110111s	4	3
111110000s	8	2
111110100s	14	1
111110110s	16	1
1111101011s	escape	
1111101100s	0	15
1111101100s	0	16
1111101101s	0	17
1111101101s	1	7
1111101110s	1	8
1111101110s	2	5
1111101110s	3	4
1111101111s	5	3
111110000s	6	3
1111100001s	7	3
1111100010s	9	2
1111100011s	10	2
1111100100s	15	2
1111100101s	17	1
1111100101s	18	1
1111100111s	19	1
1111101000s	20	1
1111101001s	23	1
1111101010s	0	18
1111101010s	0	19
1111101011s	0	20
1111101011s	1	9
1111101000s	1	10
1111101001s	2	6
1111101010s	3	5
1111101011s	4	4
1111101100s	5	4
1111101101s	11	2

NOTE - The last bit 's' denotes the sign of the level, '0' for positive, '1' for negative.

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Table 7-5j. Variable length codes for dcl_coeff_next.

dcl_coeff_next variable length code (NOTE)	run	level
11111101110s	12	2
11111011111s	13	2
11111100000s	14	2
11111100001s	21	1
11111100010s	22	1
11111100011s	24	1
11111100100s	25	1
11111100101s	26	1
11111100110s	31	1
11111100111s	0	21
11111101011s	0	22
1111111010000s	0	23
1111111010001s	0	24
1111111010010s	0	25
1111111010011s	1	11
111111101010s	1	12
1111111010110s	2	7
1111111010111s	3	6
1111111010111s	4	5
1111111010100s	5	5
1111111010101s	6	4
1111111010110s	7	4
1111111010111s	8	3
111111101100s	16	2
111111101101s	17	2
111111101110s	18	2
111111101111s	23	2
111111100000s	27	1
111111100001s	28	1
111111100010s	29	1
111111100011s	30	1
111111100100s	32	1
111111100101s	33	1
111111100110s	34	1
111111100111s	39	1
1111111010000s	0	26
1111111010001s	0	27
1111111010010s	0	28
1111111010011s	0	29
1111111010100s	1	13

NOTE - The last bit 's' denotes the sign of the level, '0' for positive, '1' for negative.

Table 7-5a. Variable length codes for dct_coeff_next.

dct_coeff_next variable length code (NOTE)	run	level
1111111010101s	1	14
1111111010110s	2	8
1111111010111s	2	9
111111101000s	3	7
111111101001s	3	8
111111101010s	4	6
111111101011s	5	6
111111101100s	6	5
111111101101s	15	3
111111101110s	19	2
111111101111s	20	2
111111100000s	21	2
111111100001s	22	2
111111100010s	24	2
111111100011s	31	2
111111100100s	35	1
111111100101s	36	1
11111110010s	37	1
11111110011s	38	1
11111110000s	40	1
11111110001s	41	1
11111110100s	0	30
11111110101s	0	31
111111101010s	0	32
111111101011s	0	33
111111101000s	1	15
111111101001s	1	16
111111101010s	1	17
111111101011s	2	10
111111101100s	3	9
111111101101s	4	7
111111101100s	5	7
111111101111s	6	6
111111100000s	7	5
111111100001s	9	3
111111100010s	10	3
111111100011s	11	3
111111100100s	12	3
111111100101s	13	3
111111100100s	14	3

NOTE - The last bit 's' denotes the sign of the level, '0' for positive, '1' for negative.

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Table 7-5b. Variable length codes for dct_coeff_next.

dct_coeff_next variable length code (NOTE)	run	level
11111111100111s	23	2
11111111100100s	26	2
11111111101001s	27	2
11111111101010s	28	2
11111111101011s	29	2
11111111101100s	30	2
11111111101101s	32	2
11111111101100s	39	2
11111111101111s	42	1
11111111100000s	43	1
1111111110001s	47	1
11111111100100s	0	34
11111111100101s	0	35
11111111100110s	0	36
11111111100111s	1	18
1111111110000s	1	19
1111111110001s	1	20
11111111100100s	1	21
11111111101011s	2	11
11111111101000s	2	12
11111111101010s	3	10
11111111101100s	3	11
11111111101111s	4	8
1111111110000s	4	9
1111111110001s	5	8
1111111110010s	6	7
1111111110011s	7	6
11111111100100s	8	4
11111111100101s	23	2
1111111110110s	34	2
1111111110111s	35	2
111111111000s	36	2
111111111001s	37	2
111111111010s	38	2
111111111011s	40	2
111111111000s	44	1
1111111110110s	45	1
1111111110111s	46	1
111111111000s	48	1

NOTE - The last bit 's' denotes the sign of the level, '0' for positive, '1' for negative.

Table 7-5m. Encoding of run and level following escape code as a 20-bit fixed length code (-127 <= level <= 127) or as a 28-bit fixed length code (-255 <= level <= -128, 128 <= level <= 255).

fixed length code	run	fixed length code	level
0000 00	0	forbidden	-256
0000 01	1	1000 0000 0000 0001	-255
0000 10	2	1000 0000 0000 0010	-254
...
1000 0000 0111 1111		1000 0000 0111 1111	-129
1000 0000 0000 0000		1000 0000 0000 0000	-128
1000 0001		1000 0001	-127
1000 0010		1000 0010	-126
...
1111 1110		1111 1110	-2
1111 1111		1111 1111	-1
forbidden		0	0
0000 0001		0000 0001	1
...
0111 1111		0111 1111	127
0000 0000 1000 0000		0000 0000 1000 0000	128
0000 0000 1000 0001		0000 0000 1000 0001	129
...
0000 0000 1111 1111		0000 0000 1111 1111	255

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